Index of Claims

Application/Control No.

09/838,239

Examiner

Peling A. Shaw

Applicant(s)/Patent under Reexamination

NATARAJAN ET AL.

Art Unit

2144

| <b>√</b> | Rejected |  |
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| =        | Allowed  |  |

|   | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Ν | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
|---|----------|
| o | Objected |

| Cla          | aim      | n Date   |          |                |              |  |  | Claim Date   |                 |             |          |          |                 |               |            |           | Claim Date |           |          |                |          |          |  |          |                |          | $\Box$   |          |          |          |                 |                |          |
|--------------|----------|--|----------|----------------|--------------|--|--|--------------|-----------------|-------------|----------|----------|-----------------|---------------|------------|-----------|------------|-----------|----------|----------------|----------|----------|--|----------|----------------|----------|----------|----------|----------|----------|-----------------|----------------|----------|
|              |          | <u>ر</u>   |          |                | Γ            |  |  |              | П               |             |          |          |                 | $\neg$        | T          | T         | $\neg$     | T         | $\top$   |                | $\neg$   |          |  |          | П              | П        |          |          |          |          |                 | $\neg$         |          |
| <u>0</u>     | <u>=</u> | ١ĕ   |          |                | l            |  | l  |              |                 |             | <u></u>  | <u> </u> |                 |               |            |           |            | - 1       | - 1      |                | ŀ        | Tri Tri  | ;  | Ë.       |                |          | ŀ        |          |          |          |                 |                |          |
| Final        | Original | 12/29/06   |          |                |              |  |  |              |                 |             | Final    | Original |                 |               | - 1        | - [       |            | - 1       |          |                |          | Final    |  | Original | - 1            | - [      |          |          |          |          |                 | -              |          |
| -            | 0        | 2  |          |                |              |  |  |              |                 |             | -        | 0        |                 |               | -          |           |            |           |          |                |          | 1 -      |  | 0        | - 1            |          |          |          |          |          |                 |                |          |
| <del> </del> | 1        | 1  |          | $\vdash$       | ┢╌           |  | $\vdash$   | Н            | $\dashv$        | -           |          | 51       |                 | $\dashv$      | $\dashv$   | $\dashv$  | $\dashv$   | $\dashv$  | $\dashv$ | +              | $\dashv$ | 1        | +  | 101      | $\dashv$       | +        | $\neg$   | -        |          |          | $\dashv$        | $\dashv$       | $\dashv$ |
|              | 2        | 1  | -        | ┝              | ┢            | -  | -  | $\vdash$     | $\dashv$        |             | -        | 52       |                 | $\dashv$      | $\dashv$   | -+        | ┰          | $\dashv$  | +        | +              | $\dashv$ | -        | -  | 102      | ᆉ              | $\dashv$ | $\dashv$ |          | -        | $\dashv$ | $\dashv$        | $\dashv$       | -        |
| ├—           | 3        | 1  | -        | ⊢              | ├            | -  | ⊢  |              |                 |             | -        | 53       | -               |               | -+         |           | -          |           | -        |                |          |          | -  | 103      |                | -+       | $\dashv$ | $\vdash$ | $\dashv$ | _        | $\dashv$        | -              | $\dashv$ |
|              |          | _  | _        | ⊢              | -            |  | _  |              |                 |             |          |          | <del></del> -   | -             | -+         | +         |            |           | -        | -              |          |          | -  |          |                | -        | $\dashv$ | $\vdash$ | $\dashv$ | _        | $\dashv$        | $\dashv$       | -        |
|              | 4        | 1  | -        | <del>  -</del> | <del> </del> | $\vdash$   | <u> </u>   | -            |                 | _           | -        | 54       | $\vdash$        | -             | -          | 4         | _          | 4         | _        | 4              |          | -        | 4  | 104      | -              | -        |          | $\vdash$ |          | _        |                 | -              | 4        |
|              | 5        | 1  | _        | <u> </u>       | Ŀ            | _  |  | _            |                 |             | -        | 55       | $\vdash$        | $\rightarrow$ | -          | 4         |            | $\dashv$  | 4        | -              | 4        | _        | 4  | 105      | -              | -        |          | -        |          |          | _               |                | _        |
|              | 6        | 1  |          | <u> </u>       | <u> </u>     | _  | <u> </u>   | _            |                 |             |          | 56       |                 | -             | $\dashv$   | -         | -          | -         | -        |                | _        | _        | 4  | 106      |                | -        |          |          | $\dashv$ | _        |                 | _              | -        |
|              | 7        | 1  | _        | L.             |              |  | <u> </u>   | Ш            |                 |             |          | 57       | Щ               |               | _          | _         | _          | 4         | 4        | 4              | _        |          | _  | 107      | _              | _        |          |          |          |          |                 | _              | _        |
| <u></u>      | 8        | 1  |          | <u> </u>       |              |  |  |              |                 |             |          | 58       | Ш               |               | _          | _         | _          | 4         | 4        |                | 4        |          | _  | 108      | _              | _        |          |          |          |          |                 |                | _        |
|              | 9        | _  |          |                |              |  | L  | Ŀ            |                 |             |          | 59       |                 |               |            |           | _          |           |          |                | _        |          |  | 109      | _              |          |          |          |          |          |                 |                |          |
|              | 10       |  |          |                |              |  |  |              |                 |             |          | 60       |                 |               |            |           | l          |           |          |                |          |          | $\perp$                                  | 110      |                |          |          |          |          |          |                 |                |          |
|              | 11       |  |          | Ĺ              |              |  |  |              |                 | ]           |          | 61       |                 |               |            |           |            |           |          |                |          |          | $_{ m J}$                                | 111      |                |          |          |          |          |          |                 |                |          |
|              | 12       |  |          |                |              |  |  |              |                 |             |          | 62       |                 |               |            | $\Box$    |            |           | $\top$   | T              |          |          | T  | 112      | $\Box$         |          |          |          |          |          |                 |                | $\Box$   |
|              | 13       | Γ  |          |                | <u> </u>     |  |  |              |                 |             |          | 63       |                 |               | $\exists$  | $\neg$    |            | $\neg$    | $\neg$   | $\neg$         | $\neg$   |          | T  | 113      |                | T        |          |          |          |          |                 |                | $\neg$   |
|              | 14       | ļ  |          |                | Ī            |  | ٠  |              | $\Box$          |             |          | 64       |                 |               | $\neg$     | 7         |            | $\neg$    | $\neg$   | $\neg$         |          |          | $\neg$                                   | 114      |                | $\neg$   |          |          |          |          |                 |                | $\neg$   |
|              | 15       |  | П        |                |              |  |  |              | П               |             |          | 65       |                 |               |            | $\dashv$  | $\neg$     | _         | $\neg$   | $\dashv$       |          |          |  | 115      |                |          |          |          |          |          |                 | _              | $\neg$   |
|              | 16       | _  | _        | $\vdash$       | $\vdash$     | $\vdash$   | $\vdash$   |              |                 | $\dashv$    |          | 66       |                 |               |            | 寸         | _          | _         | _        | $\top$         | _        | 1        |  | 116      |                |          |          |          | $\neg$   |          |                 | _              |          |
|              | 17       |  | $\vdash$ | $\vdash$       | $\vdash$     |  | Н  | $\vdash$     | $\dashv$        |             |          | 67       | H               |               | <b>-</b> † | +         | $\dashv$   | $\dashv$  | $\dashv$ | $\dashv$       | $\dashv$ |          | $\dashv$                                 | 117      | _              | $\dashv$ |          | Н        |          |          |                 | $\dashv$       | $\dashv$ |
|              | 18       | $\vdash$   |          | ┢              | $\vdash$     | $\vdash$   | ┢  |              | -               | ┥.          |          | 68       | $\vdash$        | $\overline{}$ | _          | -         | $\dashv$   | $\dashv$  | _        | $\dashv$       | $\dashv$ |          | $\dashv$                                 | 118      | <del>- t</del> | $\dashv$ |          |          |          |          |                 | $\dashv$       | -        |
|              | 19       |  | H        | -              | ┢            |  | ┢  | -            |                 |             |          | 69       |                 | -             | $\dashv$   | $\dashv$  | $\dashv$   | $\dashv$  | $\dashv$ | +              | $\dashv$ | $\vdash$ | +  | 119      | $\dashv$       | $\dashv$ | $\dashv$ | Н        |          |          | $\dashv$        | $\dashv$       | $\dashv$ |
| ├            |          | ├-   | ŀ        | -              | -            |  | -  |              | $\vdash$        | $\dashv$    | -        | 70       | $\vdash \vdash$ |               | -          |           | -          | -         | -+       | +              |          |          | -+                                       | 120      |                | -        |          | $\vdash$ | $\dashv$ |          | -               | $\dashv$       |          |
|              | 20       | <u> </u>   | <u> </u> | _              | <u> </u>     | -  |  | <u> </u>     | $\vdash$        | -           | -        |          | $\vdash \vdash$ | _             |            |           |            |           |          | -              | -        | -        | +  |          | _              | $\dashv$ |          | Н        | $\vdash$ |          |                 |                |          |
|              | 21       |  | <u> </u> |                | ļ            |  | <u> </u>   | <del> </del> |                 | -           | -        | 71       | $\vdash \vdash$ |               | _          | _         | -          |           |          | -              | 4        |          | -  | 121      |                | -        |          | H        | _        |          |                 |                | _        |
|              | 22       | <u> </u>   | <u> </u> |                | L            | _  | _  | lacksquare   | $\Box$          | _           | <u> </u> | 72       |                 |               |            |           | _          |           | _        | _              | _        |          | _  | 122      | _              | 4        |          | Ш        | Ш        |          | _               |                |          |
|              | 23       | _  | L        |                | L            |  | <u> </u>   |              | $\Box$          | _           |          | 73       |                 | $\Box$        | _          | _         | _          | _         | _        | _              |          |          | _  | 123      | _              | _        |          |          |          |          | _               | _              | _        |
|              | 24       |  |          |                | <u> </u>     |  |  |              |                 |             |          | 74       | Ш               |               |            |           |            |           |          |                |          |          | _  | 124      |                |          |          |          |          |          |                 |                |          |
|              | 25       |  | <u> </u> |                |              |  |  |              |                 |             | L        | 75       |                 |               |            |           |            | $\perp$   |          |                |          |          | $\perp$                                  | 125      |                | $\perp$  |          |          |          |          |                 |                |          |
|              | 26       |  |          |                |              |  |  |              |                 |             | [        | 76       |                 |               |            |           |            |           |          |                |          |          |  | 126      |                |          |          |          |          |          |                 |                |          |
|              | 27       |  |          |                |              |  |  |              |                 |             |          | 77       |                 |               |            |           |            |           |          |                |          |          | П  | 127      | П              |          |          |          |          |          |                 |                |          |
|              | 28       |  |          |                |              |  | П  |              |                 | <b>-1</b> ' |          | 78       |                 |               |            |           |            |           |          |                |          |          | T  | 128      |                |          |          |          |          |          |                 |                |          |
|              | 29       |  |          |                |              |  |  |              |                 | $\neg$      |          | 79       |                 |               |            | _         |            |           | T        |                |          |          | $\neg$                                   | 129      | $\neg$         |          |          |          |          |          |                 |                |          |
|              | 30       | -  | $\vdash$ | _              |              | -  |  |              | Ħ               | ヿ           |          | 80       |                 | _             |            |           | $\neg$     |           |          | $\exists$      | $\neg$   |          | 7  | 130      | $\neg$         | $\neg$   |          |          |          |          |                 |                | $\neg$   |
|              | 31       |  | -        | $\vdash$       |              |  |  | t            | $\Box$          | $\dashv$    | <b> </b> | 81       |                 |               | _          |           | $\neg$     | $\exists$ | _        | 7              | 7        |          | 7  | 131      | $\neg$         |          |          |          |          |          |                 | i              | $\dashv$ |
| <u> </u>     | 32       | <del>                                     </del> | -        | $\vdash$       | $\vdash$     | $\vdash$   | <del>                                     </del> |              | H               | $\dashv$    |          | 82       | $\vdash$        | -             | -+         | _         |            | -         |          | $\dashv$       | $\dashv$ | -        | 7  | 132      | +              | -        | $\dashv$ | H        | $\vdash$ |          | -               | $\dashv$       | $\dashv$ |
| $\vdash$     | 33       | $\vdash$   | H        | ┢              | <del> </del> | $\vdash$   | -  | $\vdash$     | $\vdash$        | $\dashv$    |          | 83       | $\vdash$        | -             |            | $\dashv$  | -          | -+        | +        | +              | $\dashv$ | -        | +  | 133      | $\dashv$       | $\dashv$ | $\dashv$ | $\vdash$ | $\vdash$ | -        | $\dashv$        | $\dashv$       | $\dashv$ |
| <b>—</b>     | 34       | -  | -        | -              | $\vdash$     | $\vdash$   | <del> </del>                                     | $\vdash$     | $\vdash$        | $\dashv$    |          | 84       | $\vdash$        |               | -+         | -+        | -          |           | $\dashv$ | $\dashv$       | $\dashv$ | -        | $\dashv$                                 | 134      | $\dashv$       | $\dashv$ |          | $\vdash$ | $\vdash$ | -        | $\vdash$        | <del>.  </del> | $\dashv$ |
|              | 35       | -  | H        | $\vdash$       |              | $\vdash$   | $\vdash$   | -            | $\vdash$        | $\dashv$    | -        | 85       | $\vdash$        | $\vdash$      | $\dashv$   | $\dashv$  | +          | $\dashv$  | -        | $\dashv$       | $\dashv$ | $\vdash$ | $\dashv$                                 | 135      | $\dashv$       | $\dashv$ | -        | $\vdash$ | Н        |          |                 | +              | $\dashv$ |
| <u></u>      | 36       | $\vdash$   | H        | ⊢              | -            | H  | $\vdash$   |              | H               | $\dashv$    | -        | 86       | $\vdash$        | -             | $\dashv$   | -+        | -          | -         | -        | $\dashv$       | -        |          | +  | 136      | $\dashv$       | $\dashv$ | -        | Н        | $\vdash$ | -        |                 |                | $\dashv$ |
|              |          | -  | ├-       | $\vdash$       | -            |  | $\vdash$   | $\vdash$     | $\vdash$        | -           | <u> </u> |          |                 |               |            |           | -          |           | -        |                | $\dashv$ | -        | +  | 130      |                |          | $\dashv$ | $\vdash$ | $\vdash$ |          |                 |                |          |
|              | 37       | $\vdash$   | <u> </u> |                | -            |  | <del> </del>                                     | <u> </u>     | $\dashv$        | $\dashv$    |          | 87       | $\vdash$        | $\vdash$      | _          | _         | _          | _         |          | -+             | ┦.       | $\vdash$ | $\dashv$                                 | 137      | _              | _        | _        | Ш        | $\vdash$ | -        | -               |                |          |
|              | 38       | _  | _        | _              | -            | Ь.   | <u> </u>   | <u> </u>     | $\sqcup$        | _           | <b>_</b> | 88       | $\sqcup$        |               | }          | _         | _          |           |          | -              | $\dashv$ | <u> </u> | 4  | 138      | _              | _        |          | $\sqcup$ | Щ        | _        |                 | _{             | _        |
| L            | 39       | _  | _        | _              | _            |  |  |              | Щ               |             | <u> </u> | 89       | Щ               |               | _          | _         | _          | _         | _        | 4              | _        | <u> </u> | 4  | 139      | _              | _        |          | Ш        | Щ        | L        |                 | _              |          |
|              | 40       |  |          |                | _            | _  | L_   |              | Ш               |             | <u></u>  | 90       | $\sqcup$        |               |            |           | $\perp$    |           | _        | $\perp$        | _        | $\perp$  | $\perp$                                  | 140      | $\Box$         |          |          | Щ        | Щ        |          |                 |                |          |
|              | 41       | _  |          | <u></u>        |              |  |  |              |                 |             | L        | 91       | Ш               |               |            |           |            |           |          |                |          | $\perp$  |  | 141      | $\perp \perp$  |          |          | L        |          |          |                 |                |          |
|              | 42       | L  | L        | L              | L            |  | L  |              |                 |             |          | 92       |                 |               |            |           |            |           |          |                |          |          | $\Box$                                   | 142      |                |          |          |          |          |          |                 |                |          |
|              | 43       |  | L        | L              | $L^{T}$      |  | L  | $L^{-}$      |                 | ]           |          | 93       |                 |               | $_{ m J}$  | $_{ m J}$ |            | $\Box$    | J        | T              | ]        |          | $ \_                                   $ | 143      |                | _]       |          | L        |          |          |                 |                |          |
|              | 44       |  | Γ        |                |              |  |  |              |                 |             |          | 94       |                 |               | $\neg$     |           |            | $\Box$    | $\Box$   | $\Box$         |          |          | T  | 144      |                |          |          |          |          |          |                 |                |          |
|              | 45       | T  | Π        | Г              |              |  | Г  | П            | П               | $\neg$      |          | 95       |                 |               | 寸          | $\dashv$  |            | 7         | 寸        | 寸              | 7        |          | $\exists$                                | 145      | 一              | 寸        |          | П        |          |          |                 |                |          |
| <b>——</b>    | 46       |  | <u> </u> | T              |              | П  | Г  |              |                 | $\neg$      |          | 96       | П               |               | $\neg$     | $\dashv$  |            | 寸         | $\dashv$ | 寸              | $\neg$   |          | 7  | 146      | _              | 7        |          | М        |          |          |                 | $\neg$         |          |
| <del></del>  | 47       |  | t        | $\vdash$       |              | П  | <del>                                     </del> | Г            | $\vdash$        | $\dashv$    |          | 97       | Н               | $\vdash$      | -          | _         | +          | $\dashv$  | _        | $\dashv$       | $\dashv$ | -        | +  | 147      | $\dashv$       | _        |          | $\vdash$ |          | Н        | $\Box$          | $\neg$         |          |
|              | 48       | $\vdash$   | t        | $\vdash$       | +-           | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash \vdash$ | $\dashv$    | <b>—</b> | 98       | H               | $\dashv$      | -          | -         | _          | $\dashv$  | $\dashv$ | $\dashv$       | $\dashv$ | -        | 7  | 148      | $\dashv$       | $\dashv$ |          | $\vdash$ | Н        | Н        | $\vdash$        |                |          |
| <b>-</b>     | 49       | ╁  | ├─       |                | +            | $\vdash$   | -  | $\vdash$     | H               |             |          | 99       | Н               | $\dashv$      | $\dashv$   | $\dashv$  | -          | $\dashv$  | ┰        | <del>`</del> + |          | -        | $\dashv$                                 | 149      | $\dashv$       | $\dashv$ |          | $\vdash$ | H        |          | H               | ┥              | _        |
| <u> </u>     | 50       | -  | ₩        |                | ├            | <del>                                     </del> | ╁  | $\vdash$     | $\vdash\vdash$  |             |          | 100      | $\vdash\vdash$  |               | $\dashv$   | -+        |            | $\dashv$  | $\dashv$ | $\dashv$       |          |          | -+                                       | 150      | $\dashv$       | $\dashv$ |          | $\vdash$ |          | $\vdash$ | $\vdash \vdash$ |                | $\dashv$ |
| I            | l DU     | l  | Ì        | ı              | 1            | 1  | i i  | 1            | ıl              | - 1         |          | IUU      | I               |               | - 1        | - 1       |            |           | - 1      | _ [            |          | L        | . 1                                      | 100      | ŀ              | - 1      |          | 1        | 1 1      | ı        |                 |                |          |